

WHAT IS CLAIMED IS:

1. An electric connection box, disposed in an engine compartment of a vehicle, comprising:

a case having a bottom wall with an interior and exterior surface, the bottom wall having a plurality of drainage holes communicating between the interior and exterior surface and bus bars mounted on the interior surface; the case further having

a droplet-dividing rib that projects from the exterior surface of the bottom wall and positioned between the plurality of drainage holes adjacent one another, and the droplet-dividing rib being formed so as to contact with a surface of a member disposed below the bottom wall and form spaces between the exterior surface of the bottom wall and a top surface of the member that are divided to prevent liquid from one space from coming into contact with another space.

2. The electric connection box according to claim 1, wherein the case is a fuse box and the member is a battery.

3. The electric connection box according to claim 1, wherein the member is a lower cover, the lower cover having a lower cover bottom wall so as to form a lower cover inner surface,

whereby the lower cover is mounted below the casing bottom wall so that the droplet-dividing rib contacts the lower cover inner surface.

4. The electric connection box according to claim 1, wherein the casing is made up of an upper case, an intermediate and a lower case.

5. The electric connection box according to claim 4, wherein the intermediate layer is made of heat resistant resin.

6. The electric connection box according to claim 1, wherein a first bus bar is associated with a first drainage hole and a second bus bar is associated with a second drainage hole and the droplet-dividing rib forms divided spaces that prevent liquid from the first drainage hole from coming into contact with the second bus bar so as to prevent current leaks or electrical shorts.